DENBIGHSHIRE COUNTY COUNCIL

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ANNUAL REPORT

on the

HEALTH OF DENBIGHSHIRE

for the

YEAR 1943

by

H. ARWEL THOMAS

M.Sc., M.B., Ch.B., M.R.C.S., L.R.C.P., D.P.H.

County Medical Officer

16, Grosvenor Road,
Wrexham.

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Arthur Dunwell, Colwyn Bay

PREFACE.

To the Chairman and Members of the Public Health, Housing and Public Assistance Committee.

Mr. Chairman, Ladies and Gentlemen,

Annual Report, 1943.

I have the honour to present to you my Annual Report on the health of the County for the year 1943.

The report takes an abreviated form, but all vital statistics are included.

Birth Rate. A further increase in the Birth Rate is noted. The rate for 1943 is 17·3, as compared with 15·6 in 1942, and which itself was higher than the average rate for the previous 9 years (14·4).

Death Rate. The death-rate for the year was 12·8 as compared with 11·4 in 1942. This latter rate, however, was the lowest ever recorded in the County.

Infant Mortality. It is gratifying to note that the Infant Mortality rate was even lower than the previous year, which was the lowest on record. In 1943 the rate was 48·6 as compared with 55·6 in 1942.

Staff. After years of faithful service, Dr. M. Share Jones, Assistant Medical Officer, entered upon her retirement during the year. Dr. Sybil O. Edwards has been appointed her successor.

I take this opportunity of acknowledging my appreciation of the assistance readily given at all times by the Clerk of the County Council, Mr. William Jones, C.B.E., and Mr. William Roberts, Deputy Clerk. Praise is also due to the members of the County Health Staff at the Central Office in Wrexham for continued loyal and efficient service.

I am,

Your obedient Servant,

H. ARWEL THOMAS,

County Medical Officer

COUNTY OF DENBIGH. TABLE I. Vital Statistics, 1943.

Districts.	Birth-rate	Infant Mortality	Death-rate
Urban.			
Abergele	17·4	21·9	13·1
Colwyn Bay	10·4	22·1	14·6
Denbigh	13·0	36·3	10·2
Llangollen	16·0	37·7	14·2
Llanrwst	14·3	28·5	17·6
Ruthin	15·0	96·1	13·0
Wrexham	20·7	84·2	13·6
Total Urban	15·6	56·4	13·6
Rural.			
Aled	16·9	25·6	13·2
Ceiriog	18·2	7·8	10·3
Hiraethog	16·5	45·4	15·4
Ruthin	14·7	32·6	12·0
Wrexham	20·1	49·4	11·7
Total Rural	18·9	42·8	12·0
Total County	17·3	48·6	12·8

Still-births = Rate per 1000 live and still-births ..... 32·5

Deaths from Puerperal Causes:—

		Rate per 1000 total live and still-births
Puerperal and Post.-Abort. Sepsis	2	·6
Other Maternal Causes	3	·9

Death-rate of Legitimate Infants per 1000 leg. Births ..... 49·9

Death-rate or Illegitimate Infants per 1000 illegitimate Births ... 89·9

Staff.

After years of faithful service to the County, Dr. Mary Share Jones retired in November, 1943. She was appointed in January, 1921, and during the 21 years she was on the staff she has been most helpful in organising the Maternity and Child Welfare Clinics in the County. Her successor, Dr. Sybil O. Edwards, has had considerable experience in Maternity and Child Welfare, and I am confident that the important work will continue on the same successful and efficient lines.

Mr. J. G. Roberts, L.D.S., who provided dental treatment for expectant and nursing mothers, also left the services in November, 1943, and at the end of the year no successor had been appointed.

The strength of the Health Visiting Staff has been maintained, although there were two changes in the personnel during the year, consequent upon marriage.

Diphtheria Immunisation.

Short of compulsory measures, I am quite satisfied with all that is being done to persuade parents to allow their children to be immunised against Diphtheria.

The medical staff—both at school inspections and at the M. & C.W. Clinics, seize every opportunity to talk to mothers and point out the wisdom, indeed the necessity of having their children immunised. These talks are followed up by the Health Visiting Staff who visit the homes and in this way many parents, who were otherwise indifferent, have been prevailed upon to bring their children for treatment.

Another method of publicising the scheme is the displaying of posters throughout the County area and the distribution of suitable leaflets.

We are unflagging in our efforts to achieve maximum results, and it is to be hoped that before long every child in the area will have been treated.

The total number of children immunised in the County during the year 1943 was:—

Under 5 years of age	2287
5-15 years of age	2389

The grand total of all children treated in the County since 1937 is 36,671.

TABLE II. Causes of Infant Deaths, 1943.

DISEASE.	Districts			
	Urban		Rural	
	Males	Females	Males	Females
Diphtheria	1	—	—	—
Influenza	2	1	—	2
Bronchitis	7	1	8	2
Pneumonia	4	5	5	10
Other Digestive Diseases	1	—	2	1
Premature Births	8	8	12	4
Cong. Mal. Birth Inj. Inf. Dis.	13	8	11	8
Other Violent Causes	1	1	—	—
All other Causes	2	3	1	3
Other Forms of T.B.	—	1	1	—
Diarrhoea under 2 years	2	1	3	—
Totals	41	29	43	30

TABLE III. Maternal Mortality.

	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
County Maternal Mortality Rate	7.1	6.3	4.4	3.7	2.07	3.4	4.0	3.5	4.8	3.2	2.3
Puerperal Sepsis	8	8	5	2	—	1	3	3	3	4	2
Other Puerperal causes	9	7	6	7	5	7	6	6	10	5	3
Total	17	15	11	9	5	8	9	9	13	9	5

INFECTIOUS DISEASES.

TABLE IV. (a).

The following table furnishes particulars respecting the notifications received during 1943, and for comparative purposes the nine preceding years are shewn:—

Disease	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
Diphtheria	705	440	586	750	405	276	407	396	318	174
Erysipelas	55	62	63	53	70	347	71	55	67	62
Scarlet Fever	313	473	586	324	295	20	317	246	227	275
Enteric Fever (including Typhoid and Paratyphoid)	7	3	3	6	1	4	16	16	8	7
Puerperal Fever	9	3	11	5	—	—	—	—	—	—
Puerperal Pyrexia	8	23	17	25	34	24	12	22	19	15
Cerebro-Spinal Fever	3	1	—	—	—	11	192	83	32	13
Acute Poliomyelitis	—	—	1	—	1	1	6	—	2	1
Ophthalmia Neonatorum	11	12	20	12	15	11	12	5	2	1
Pulmonary Tuberculosis	183	229	197	195	210	180	218	210	176	209
Other forms of Tuberculosis	63	82	82	63	84	53	72	64	82	68
Pneumonia	191	143	138	183	160	180	341	278	200	195
Encephalitis Lethargica	—	2	—	2	—	1	1	4	3	—
Acute Polio-encephalitis	—	—	—	—	2	—	—	2	1	—
Dysentery	1	—	9	—	—	71	119	22	60	36
Measles (excl. German Measles)	—	1	—	—	—	—	2373	1390	888	1403
Malaria	—	—	—	1	—	30	—	—	—	—
Whooping Cough	—	—	—	—	—	—	394	746	272	198
Chicken Pox	—	—	—	—	—	—	—	—	6	—
Totals	1549	1474	1713	1619	1277	1209	4551	3539	2363	2657

TABLE IV. (b).

The allocation of the several Infectious Diseases to the Sanitary Districts is shown in the following table:—

District.	Pneumonia.	Scarlet Fever.	Pulmonary Tuberculosis.	Non-Pulmonary Tuberculosis	Ophthalmia Neonatorum.	Erysipelas.	Enteric Fever.	Cerebro-Spinal Fever.	Diphtheria.	Puerperal Pyrexia.	Measles.	Dysentery.	Chickenpox.	Whooping Cough.	Encephalitis Lethargica.	Acute-Polio-Encephalitis.	Poliomyelitis.	Totals.
Abergele	14	21	8	2	—	14	—	2	8	—	28	1	—	15	—	—	—	113
Aled	10	12	5	1	—	2	4	—	4	—	105	2	—	13	—	—	—	158
Ceiriog	—	5	9	—	1	—	—	—	—	—	119	—	—	—	—	—	—	134
Colwyn Bay	12	33	36	6	—	5	—	—	25	1	276	4	—	25	—	—	—	423
Denbigh	3	3	6	1	—	3	—	—	9	1	98	4	—	21	—	—	1	150
Hiraethog	1	7	3	4	—	2	—	—	2	3	11	—	—	18	—	—	—	51
Llangollen Urban	5	3	2	1	—	1	—	—	—	—	1	—	—	—	—	—	—	13
Llanrwst Urban	—	—	8	1	—	—	—	—	—	—	—	—	—	—	—	—	—	9
Ruthin Borough	6	4	10	1	—	4	1	—	2	5	37	—	—	2	—	—	—	72
Ruthin Rural	15	24	12	2	—	1	1	3	4	—	43	—	—	1	—	—	—	106
Wrexham Borough	59	66	45	18	—	13	1	7	42	3	426	23	—	38	—	—	—	741
Wrexham Rural	70	97	65	31	—	17	—	1	78	2	259	2	—	65	—	—	—	687
Totals	195	275	209	68	1	62	7	13	174	15	1403	36	—	198	—	—	[illegible]	2657

TABLE V. INFECTIOUS DISEASES.

The following table gives the number of deaths from infectious diseases notified during the year, also for comparative purposes, the figures for 1938, 1939, 1940, 1941, 1942.

	1938	1939	1940	1941	1942	1943
Typhoid and Paratyphoid	—	—	—	1	2	—
Measles	3	1	3	4	—	2
Scarlet Fever	—	—	1	—	—	1
Whooping Cough	9	2	5	13	7	1
Diphtheria	29	11	21	13	13	5
Encephalitis Lethargica	5	9	2	—	—	—
Cerebro-Spinal Fever	—	2	30	8	6	1
Acute Polio-Encephalitis	—	—	—	1	1	1
Acute Inf. Encephalitis	—	—	—	7	3	3
Tuberculosis, Pulmonary	79	80	81	92	67	63
Tuberculosis, Non-Pulmonary	15	14	24	20	19	18

TABLE VI.

The percentage of deaths at different Age Periods are given below:—

Age Period	Percentage of Total Deaths
0—1	6·5
1—5	1·2
5—15	1·5
15—45	9·7
45—65	22·9
65 and upwards	57·8

LABORATORY FACILITIES.

The Laboratories undertaking a variety of examinations for the County are:—

The Pathological Laboratory, Emergency Hospital, Wrexham.

Emergency Pathological Laboratory, Conway.

The Pathological Laboratory, Chester Royal Infirmary.

Wrexham and East Denbighshire War Memorial Hospital.

University College of North Wales, Bangor.

Wrexham Joint Fever Hospital.

Welsh National Memorial Association.

Food and Drugs Acts.

Analyses are also undertaken by Mr. F. A. Lowe, County Analyst, Chester.

AMBULANCE SERVICES.

The following are reports received from the various Ambulances rendering services in the County:—

Wrexham Division.

Number of cases carried	2573
Number of road accidents	170
Total number of cases	2743
Total mileage	19383
Number of cases where first-aid was rendered	184
Public functions attended	286
Attendances at functions number	809
Total hours of duty given voluntarily by men (excluding A.R.P. duties)	22017

Colwyn Bay.

Accidents	54 (4 fatal)
Admission to Hospital	163
Admission to Nursing Homes	72
Transport from house to house	92
Transport out of district	95
Total mileage	11186
Ambulance case hours	914
Personnel case hours	3656
Total cases	476

Rhosllanerchrugog.

Mileage covered by Ambulance	7336
Number of patients conveyed	540
Number of hours on actual service duty	815

Denbigh.

The Denbigh Borough Council is responsible for the Service, and the Ambulance is manned by the personnel of the Dyffryn Clwyd Division of the St. John Ambulance Brigade.

From the 15th October, 1943, the date the service commenced, up to the 31st December, 1943, the Ambulance was called out on 25 occasions, and the distance covered was 617 miles.

Oswestry.

During 1943 the Oswestry Ambulance made 384 journeys, and covered 10,102 miles.

As in previous years, the Oswestry St. John's Nursing Division supplied the Nurses, and Oswestry St. John's Ambulance Brigade supplied the male orderlies.

A full 24 hours' service was given throughout the year, and in addition to the usual calls and emergency calls, the ambulance reported at the First-Aid Post for duty on all occasions when the siren was sounded.

TABLE VII. Hospital Accommodation.

Name of Hospital.	BEDS				Total	Additional Beds.
	Males	Females	Child	Others		
VOLUNTARY.						
Wrexham War Memorial Hospital	61	50	20	39	170	E.M.S. Beds, 50.
Colwyn Bay and West Denbighshire Hospital	25	25	10	—	60	
Denbighshire Infirmary, Denbigh	20	22	3	—	45	E.M.S., 15.
Chirk and District Cottage Hospital	12	12	2	6	32	
Llangollen Cottage Hospital	5	5	2	—	12	
	123	114	37	45	319	
PUBLIC ASSISTANCE.						
Croesnewydd, Wrexham	90	101	40	—	231	E.M.S. Beds— Plas Maelor, 312.
Ruthin	20	20	4		44	
	110	121	44	—	275	
FEVER HOSPITALS.						
Wrexham Joint Fever Hospital	47	45	16	—	108	
Bronynant Isolation Hospital					31	
St. Asaph Joint Isolation Hospital					87	
Croesynyd Hospital, Conway	27	27	—	—	54	
Smallpox Hospital, Rhydtalog					12	
Abergele Sanatorium	42	10	189	—	241	
					533	
COUNTY MATERNITY HOSPITALS.						
Ruabon		12	—	—	12.	Temporary Hos[illegible]al.
Gerwyn Hall Government Emergency Maternity Home		30			30	

TABLE VIII.
Summary of Work of Health Visitors.

District	No. of visits to children under 1 year	No. of visits to children 1-5 years	Expectant Mothers.	
			First Visits	Total Visits
Rhos and Penycae	1021	1382	13	34
Rhostyllen, Ruabon, Marchwiel, Isycoed and Abenbury	1010	1939	50	90
Coedpoeth Southsea, New Broughton	603	1834	—	—
Brymbo, Broughton, Summerhill	1003	801	14	36
Llay, Gresford, Rhosrobin	1201	1006	22	45
Llangollen and Cefn	501	1365	5	11
Denbigh, Abergele and Aled Rural	1011	1109	14	26
Llanrwst Area	811	1351	25	54
Llansilin, Chirk and Glynceiriog	698	2273	29	58
Ruthin Borough, Ruthin Rural and Cerrig	1030	1401	30	49
	8889	14161	202	403

THE ROBERT JONES AND AGNES HUNT ORTHOPAEDIC HOSPITAL.

RETURN showing the number of DENBIGHSHIRE (County) patients treated at Orthopaedic Clinics during the year 1943, and the number of attendances made by such patients..

	On books 1/1/43	Admitted during 1943	Total treated	Discharged during 1943	On books 31/12/43		Attendances
					Active Treatment	Appliance Supervision	
MATERNITY AND CHILD WELFARE (0-5 years)	229	163	392	148	244	—	697
SCHOOL MED. SERVICE (5-16 years)	554	280	834	291	542	1	2184
VOL. ORTHO. ASSOCIATION (16+ years)	504	333	837	328	427	82	1766
TOTALS	1287	776	2063	767	1213	83	4647
					1296		

Age Transfers.—37 patients attained the age of 5 years, and 15 patients attained the age of 16 years during the year. These are included in both age groups in which they were treated; therefore, the correct total number of patients treated=2011.

In addition, 115 cases were examined by the Surgeons, for whom treatment was not advised. This brings the total attendances to 4762.

MENTAL DEFICIENCY ACTS.

	Males.		Females.
No. of patients at Coed Du Institution	—	...	74
No. of patients in Institutions (other than Coed Du)	38	...	14
No. of patients under Guardianship	6	...	5
No. of patients on licence from Institutions .	1	...	4
No. of patients certified during 1943:—			
Under 16 years	—	...	1
Over 16 years	1	...	4
For Institutions	1	...	5
For Guardianship	—	...	—

SUPPLY OF MIDWIVES.

	Domiciliary Midwives.		In Institutions.		Total.
Employed by the Local Supervising Authority	5	...	21	...	26
Employed by Voluntary Associations:—					
(1) Under arrangements made with the Local Supervising Authority	51	...	—	...	51
(2) Others ... (Voluntary Hospitals)	—	...	10	...	10
In Private Practice	21	...	—	...	21
	77	...	31	..	108

MIDWIFERY SERVICE.

Particulars of cases attended by Domiciliary Midwives.

	By Salaried Midwives.	By Independent Midwives.
No. of times Medical Aid sent:—		
(a) during pregnancy	42	7
(b) during labour	219	53
(c) during puerperium	22	5
(d) for infants	37	7
No. of still-births notified	22	12
No. of forceps deliveries	91	59
No. of deaths of infants, 1 month	13	5
No. of maternal deaths	1	—
No. of maternity cases	176	50

CHILD-LIFE PROTECTION.

No. of persons who were receiving children for reward during the year	14
No. of children at the end of the year	41
No. of children who died during the year	—

HOME HELPS.

No. of Home Helps engaged during the year	5
No. of cases attended	31

AFTER-CARE OF TUBERCULOSIS PATIENTS.

No. of cases receiving assistance under the County After-Care Scheme	60
Total cost of grants in 1943	£994/19/10

MIDWIVES ACT, 1918—SECT. 14.

No. of patients to whom medical aid was summoned by a certified midwife	331
Total amount of medical claims	£744/8/8

SUPPLY OF MILK.

The total quantity of milk supplied at cost price during the year to expectant and nursing mothers and young children (otherwse than under the National Milk Scheme) was 34,846 lb. packets (dried milk).

OPHTHALMIA NEONATORUM.

9 cases of Ophthalmia Neonatorum were notified during the year with the following results:—

Vision unimpaired	9
Patient removed from County	—
Patient died	—

YEARLY REPORT OF THE WORK OF THE NORTH WALES SOCIETY FOR THE BLIND IN THE COUNTY OF DENBIGH FROM APRIL 1st, 1943, to MARCH 31st, 1944.

At March 31st, 1944, there were 387 Registered Blind Persons and 63 Evacuees in the County of Denbigh, the biggest percentage of Evacuees being billeted at Plas Darland and Pentre Bychan Hall, Wrexham. Health is again very good on the whole. Although travelling facilities are far from normal, the five Home Teachers are still visiting the Blind fairly regularly, and their general needs are met. Applications for Necessitous Grants, Medical Aid, etc., numbering 138, were sanctioned and paid for from the Society's General Charity Fund. Various Handicrafts are taught by the Home Teachers, and some of the Blind are able to read Braille and Moon embossed type. The Library books are sent out regularly every Friday to Blind readers, the cost of postage both ways being borne by the Society.

White Sticks, presented to the Society by the Bangor Rotary Club, are issued free to the Blind on application being made to the Society.

262 Blind Persons, including 24 Evacuees, are in receipt of the Unemployable Blind Grants, the cost to the Council, including the 26 weeks coal allowance of 3/6 per week to householders, being £10,312 6s. 7d., Postages and Poundage £104 16s. 8d. During the year 5,825 Postal Orders and 605 cheques were dispatched from the office of this Society. Those householders who received the coal allowances were very appreciative.

Battery and Electric Wireless Sets, although less in number, were supplied to a number of Blind Persons in the County. The cost of repairs and renewals is borne by the Society, batteries and accumulators being supplied to the Blind at half cost, the Society bearing the remainder. It is regretted, however, that there is a very long delay in the supply, but it is inevitable.

In October, 1943, the Blind population was presented with £1, the gift of the Society. This was made possible owing to the Society's successful year (1942-43). Again at Christmas they received a gift of 10/- from the collections made by the Schools of North Wales. All expenses such as printing envelopes, list of collections, postages, etc., in connection with

the Christmas School Collections are borne by the Society. The County Council also very kindly allowed a Christmas gift to all blind persons in receipt of Domiciliary Assistance.

East Denbighshire is still worked under the agreement with the National Institute for the Blind as far as collections, flag days, etc., are concerned, but the welfare of the blind is carried out entirely by the Society. In the Wrexham area teas, social gatherings, etc., are still held and thoroughly enjoyed.

The Society has now formed a Local Committee at Wrexham, and it is hoped in the near future that there will be ample work for this Committee.

Flag Days and House-to-House Collections are held yearly in various town and villages, from which a fair amount of revenue is derived.

The Crosville Bus Company again very kindly issued approximately 130 Bus Vouchers at 2/6 per annum. These are greatly appreciated by the Blind.

37 Blind Persons from Denbighshire spent a very enjoyable holiday at the Llys Onnen Home, Abergele. There are two permanent residents. The Home continues to be popular and applications are continually being received for holidays.

In Denbighshire there are 10 Home Workers, 1 in a Workshop and a number of pastime workers. Owing to the difficulty of obtaining materials it is not possible to distribute work to a larger number of pastime workers. Two blind persons who were engaged in Workshops are now doing useful work in an Aircraft Factory.

MEDICAL AND DENTAL TREATMENT.

(Necessitous Cases).

No. referred to Medical Practitioners and accepted on their Panels	166
No. of Blind Persons supplied with Dentures free of cost	5

ANNUAL REPORT OF COUNTY OBSTETRICIAN.

(a) **Clinics.**

1754 new cases and 2881 re-examinations were dealt with.

(b) **Ruabon Maternity Hospital.**

212 admissions; 194 births.

(c) **Gerwyn Hall Emergency Maternity Home.**

363 admissions—219 County; 144 Evacuees.

The still-birth rate of only 17·2 per 1000 births is associated with the satisfactory low forceps rate of 1·7%. There were only 2 neo-natal deaths.

(d) There were no **maternal deaths** at Ruabon or Gerwyn Hall. Of the 5 deaths in the Denbighshire area (including Colwyn Bay and Wrexham Borough), one unante-natal eclamptic died at Colwyn Bay Maternity Home, one delivered at Croesnewydd died of peritonitis at the Wrexham War Memorial Hospital. One, ante-natal, died of embolus at home a few hours after a forceps labour; one died of septic abortion and one died of asthma at home. This gives a maternal mortality rate of 1·5 per 1000.

R. OWEN JONES, F.R.C.S.

TABLE IX.

Maternity and Child Welfare.

The following table furnishes information for 1943 with regard to the Maternity and Child Welfare Centres established in the County:—

Address		Whether Sessions are held weekly or fortnightly	Day and Time of Meeting		Average Attendance per Session (Children)	Number of Children who attended for the first time	Present arrangements for Medical Supervision
Southsea,	Church Institute	Fortnightly	Monday	a.m.	40	79	Assistant Medical Officer
Coedpoeth,	Penygelli Schools	"	Monday	p.m.	50	99	
Llay,	Presbyterian Chapel	"	Monday	p.m.	50	105	
Cefn,	County Clinic	Weekly	Monday	p.m.	65	168	"
Brymbo,	Council School	Fortnightly	Tuesday	a.m.	31	53	"
Broughton,	Church House	"	Tuesday	p.m.	39	82	"
Llanrwst,	Watling Street	"	Wednesday	p.m.	27	54	"
Glan C'way,	Church Institute	"	Monday	p.m.	29	28	"
Rhosrobin,	County Clinic	"	Wednesday	a.m.	60	113	"
Rhos,	Plas-yn-Rhos	Weekly	Wednesday	p.m.	68	211	"
Llangollen,	Welfare House	Fortnightly	Wednesday	p.m.	84	168	"
Denbigh,	County Clinic	"	Wednesday	p.m.	58	120	"
Abergele,	Church House	"	Thursday	p.m.	52	113	"
Rhostyllen,	Council School	"	Wednesday	a.m.	28	63	"
Ruthin,	Baptist Chapel	"	Tuesday	p.m.	60	141	"
Chirk,	The Mount	"	Thursday	p.m.	45	68	"
Glynceiriog,	Ceiriog Institute	"	Tuesday	p.m.	17	33	"
Cerrigydruidion		"	Wednesday	a.m.	4	25	"

TABLE X. (a) Cancer.

The following table gives deaths and death rates from all causes of Cancer according to Sanitary Districts.

Districts	Deaths Males	Deaths Females	Deaths Total	Rate per 1000 Population
Urban Districts.				
Abergele	6	9	15	1·9
Colwyn Bay	25	31	56	2·1
Denbigh	7	6	13	1·5
Llangollen	3	9	12	3·6
Llanrwst	2	4	6	2·4
Ruthin	2	5	7	2·0
Wrexham	30	30	60	2·1
Rural Districts.				
Aled	9	7	16	2·0
Ceiriog	4	2	6	·8
Hiraethog	14	5	19	3·5
Ruthin	10	12	22	2·1
Wrexham	45	41	86	1·4
Whole County	157	161	318	1·8

TABLE X. (b) Cancer—Age and Sex Distribution.

Age Group.	Urban M.	Urban F.	Urban Total	Rural M.	Rural F.	Rural Total	Grand Total M.	Grand Total F.	Grand Total Total
Under 1 year	...	...	...	...	...	...	...	...	...
1—5 years	...	...	...	...	...	...	...	...	...
5—15 years	1	...	1	...	...	...	1	...	1
15—45 years	5	4	9	7	4	11	12	8	20
45—65 years	21	25	56	26	32	58	47	67	114
65 and upwards	48	55	103	49	31	80	87	86	183
	75	94	169	82	67	149	157	161	318

CHRISTIE HOSPITAL AND HOLT RADIUM INSTITUTE, MANCHESTER.

Total number of cancer cases	102
Total number of non-malignant cases	33
	135

Number referred by voluntary hospitals	97
Number referred by Public Assistance Hospitals	1
Number referred by General Practitioners	10
Number of Consultants	5
Number referred by E.M.S. Hospital	22

Cancer	Total	Number treated by Radiation, X-Ray, Surgery, or Combined Techniques.	Number not created—unsuitable or too advanced.
Lip and Mouth	11	9	2
Breast	26	16	10
Skin	28	25	3
Cervix	9	8	1
Other sites	28	18	10
Total	102	76	26
Non-maligant Cases	33	7	26

LIVERPOOL RADIUM INSTITUTE.

In-patients	9
Out-patients	8

WREXHAM AND EAST DENBIGHSHIRE WAR MEMORIAL HOSPITAL.

No. of new cases referred from Wrexham Clinic in 1943	97
Total No. of attendances at Wrexham Clinic (old and new patients) in 1943	668
No. of 1943 referred cases treated in Wrexham ..... (None by Holt Radium Institute Staff).	—
No. of 1943 referred cases treated in Radium Annexe, Bury:—	
In-patients	7
Out-patients	—
No. of referred cases treated in Radium Annexe and Christie Hospital:—	
In-patients	7
Out-patients	—
No. of referred cases treated in the Christie Hospital:—	
In-patients	28
Out-patients	12
No. of referred cases treated:—	
Partly In-patient Radium Annexe, Bury ..... Partly Out-Patient Christie Hospital	1
No. of 1943 cases not treated	41

Table showing comparison in previous years:—

	1936	1937	1938	1939	1940	1941	1942	1943
New patients:—								
Treated	10	—	25	—	26	45	52	56
Not treated ...	11	—	17	—	32	37	48	41
	21	21	42	66	58	82	100	97
Examinations (old patients)	133	148	178	263	255	338	421	571
Total examinations (old and new patients)	154	169	220	329	313	420	521	668

CHESTER ROYAL INFIRMARY.

Deep Therapy:—

	Deep	Superficial	Chaoul
In-patients	3	—	—
Out-patients	9	8	5

Radium:—

Total No. of attendances at the Institution	299 at Radium Clinics, including 27 from Denbigh
No. of patients	13
No. of cases referred to Christie Hospital	—

TABLE XI.

Public Health (Tuberculosis) Regulations, 1942.

District		No. of cases of Tuberculosis on Register at the commencement of the year		No. of cases notified for the first time under Regulations during year		No. of cases removed from the Register during the year		No. of cases remaining on the Register at the end of year	
		Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary
Abergele.	Males	15	6	7	1	1	...	21	7
	Females	26	5	1	1	...	...	27	6
Aled.	Males	43	27	2	...	...	...	45	27
	Females	53	22	3	1	...	...	56	23
Ceiriog.	Males	28	13	7	...	...	...	35	13
	Females	26	10	2	...	...	...	28	10
Colwyn Bay.	Males	91	40	18	4	6	3	103	41
	Females	76	49	18	2	6	...	88	51
Denbigh.	Males	24	12	1	1	1	...	24	13
	Females	30	10	5	...	1	...	34	10
Hiraethog.	Males	21	18	...	1	4	4	17	15
	Females	23	9	3	3	2	2	24	10

Public Health (Tuberculosis) Regulations, 1942—(Continued).

District		No. of cases of Tuberculosis on Register at the commencement of the year.		No. of cases notified for the first time under Regulations during year		No. of cases removed from the Register during the year		No. of cases remaining on the Register at the end of year	
		Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary
Llangollen Urban.	Males	4	2	2	...	...	...	6	2
	Females	12	...	...	1	1	...	11	1
Llanrwst Urban.	Males	12	7	7	...	1	...	18	7
	Females	4	7	1	1	1	...	4	8
Ruthin Borough.	Males	4	5	5	1	1	...	8	6
	Females	11	2	5	...	...	...	16	2
Ruthin Rural.	Males	22	9	4	...	...	...	26	9
	Females	43	17	8	2	3	...	48	19
Wrexham Borough.	Males	110	66	25	11	5	1	130	76
	Females	86	38	20	7	3	1	103	44
Wrexham Rural.	Males	228	122	42	14	10	2	260	134
	Females	197	82	23	17	8	2	212	97
	Totals	1189	578	209	68	54	15	1344	631

TABLE XII.

Public Health (Tuberculosis) Regulations, 1930.

Part I.

Summary of notifications during the period from 1st January, 1943, to the 31st December, 1943, in the area of the County of Denbigh.

	FORMAL NOTIFICATION. Number of Primary Notifications of **new** cases of Tuberculosis.												Total Notifications
Age Groups	0—	1—	5—	10—	15—	20—	25—	35—	45—	55—	65—	Total	
Pulmonary Males	...	...	4	1	11	11	26	22	19	11	5	110	115
Pulmonary Females	...	...	4	1	7	30	26	14	1	5	...	88	92
Non-Pulmonary Males	1	9	6	5	5	3	2	5	1	...	...	37	41
Non-Pulmonary Females	...	5	4	2	5	5	4	4	2	1	...	32	32

Part II.

Supplemental Return.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above mentioned period, OTHERWISE than by formal notification.

Age Groups	0—	1—	5—	10—	15—	20—	25—	35—	45—	55—	65—	Total
Pulmonary Males	...	...	...	...	...	...	...	...	...	...	...	...
Pulmonary Females	...	...	...	...	...	...	...	...	...	...	...	...
Non-Pulmonary Males	...	...	...	...	...	...	...	...	...	...	...	...
Non-Pulmonary Females	...	...	...	...	...	...	...	...	...	...	...	...

The source or sources from which information as to the above mentioned cases were obtained are given below:—

Source of Information.	No. of Cases	
	Pulmonary	Non-Pulmonary
Death Returns:—		
From Local Registrars	...	...
Transferable deaths from Registrar General	...	...
Posthumous Notifications	...	...
"Transfers" from other areas (other than Transferable Deaths)	...	...
Other sources, if any (specify)	...	...

NOTIFICATION REGISTER.

Part III.

	Pulmonary.			Non-Pulmonary.			
	Males	Females	Total	Males	Females	Total	Total cases
No. of cases of Tuberculosis remaining on Dec. 31st, 1943, on the Register of Notifications kept by the District Medical Officers of Health in the County.	693	651	1344	350	281	631	1975
No. of cases removed from the Registers during the year	29	25	54	10	5	15	69

TABLE XIII. VENEREAL DISEASES.

The following Statistics, taken from the Returns supplied by the Treatment Centres, show the work undertaken during the year ended 31/12/43.

Clinic	Persons attending for the first time at Out-Patient Clinic suffering from								Total attendances at Out-Patient Clinic		No. of In-patient Days		No. of Persons treated with Salvarsan Substitutes	
	Syphilis		Soft Chancre		Gonorrhoea		Non-Venereal Condition							
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Wrexham	18	17	...	...	57	56	35	13	1540	2734	97	108	70	86
Chester	3	3	...	...	4	7	1	2	85	71	35	15	18	32
Bangor	...	3	...	...	3	...	1	...	...	...	...	15	1	41
Totals	21	23	...	...	64	63	47	15	1625	2805	132	138	89	159

REPORT OF COUNTY VETERINARY OFFICER FOR THE YEAR 1943.

DISEASES OF ANIMALS ACTS AND ORDERS.

The Quarterly Reports of the Divisional Veterinary Inspector, Ministry of Agriculture and Fisheries show the total number of confirmed cases to be:—

Sheep Scab	42
Swine Fever	1
Tuberculosis	81

No Anthrax, no Parasitic Mange (Scabies), no Foot and Mouth Disease and only 1 of Swine Fever is a satisfactory record, and while Sheep Scab cases show an increase of 20, the much more serious disease, Bovine Tuberculosis, has diminished by 22 from the 103 dealt with in 1942.

MILK AND DAIRIES ACTS AND ORDERS.

During the year 41 "Tuberculin Tested" Licences were issued and 480 Accredited Licences under the Milk (Special Designations) Orders.

CLINICAL INSPECTION.

(a) **Tuberculin Tested Herds** are clinically examined every six months in addition to the Tuberculin testing; 2840 examinations were carried out and not a single case of Tuberculosis was detected.

(b) **Accredited Herds.** Clinically examined every 3 months; 43908 examinations were conducted, involving the slaughter of 25 animals under the Tuberculosis Order.

(c) **Non-designated Herds.** Clinically examined every 6 months in Denbighshire; 33047 examinations resulted in the detection of 23 cattle affected with Tuberculosis; and these were slaughtered under the Order.

TUBERCULIN TESTING OF HERDS LICENCED TO PRODUCE "TUBERCULIN TESTED" MILK.

No. of cattle tested	2254
No. of Re-actors	18

TUBERCULOUS MILK—VETERINARY INVESTIGATION

No. of investigations not completed at end of 1942	0
No. of fresh reports from Medical Officers of Health	9
No. of herds involved	9
No. of cases of Tuberculosis of udder found	2
No. of investigations not completed at end of 1943	0

In addition to these 2, one cow affected with Tuberculosis of the udder had been slaughtered under the Order a few days before the M.O.H. report was received.

TUBERCULOSIS (ATTESTED HERDS) SCHEMES.

No. of Attested Herds at end of 1943	263
No. of Supervised Herds at end of 1943	1

Bovine Contagious Abortion is common and it should be more generally known that this disease does occasionally cause "Abortion Fever" in men, women and children; during 1943 three cases were investigated by me on behalf of the County Medical Officer of Health and cows had aborted on three farms producing the milk consumed by the affected persons; though it is not always possible to establish infection through the milk supply.

Reconstruction of Shippons and Piped Water Supply. Many owners, occupiers and a few Estate Agents have asked me to inspect and discuss with them the best way of adapting a piped water supply, so as to conform with the requirements under the Milk (Special Designations) Orders for "Accredited" and "Tuberculin Tested" licences.

J. H. WYNNE, F.R.C.V.S.,
County Veterinary Officer.